

Product datasheet for PH303320

IFIT1 (NM_001548) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IFIT1 MS Standard C13 and N15-labeled recombinant protein (NP_001539)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203320
Predicted MW:	55.4 kDa
Protein Sequence:	>RC203320 protein sequence Red=Cloning site Green=Tags(s)

MSTNGDDHQVKDSLEQLRCHFTWELSIDDEMPDLENRVLDQIEFLDTKYSVGIHNLAYVKHLKGQNEE
ALKSLKEAENLMQEEHDNQNVRSLVTWGNFAWMYHMGRLAEAQTYLDKVENICKKLSNPFYRMECPE
IDCEEGWALLKCGGKNYERAKACFEKVLEVDPENPESSAGYASAYRLDGFKLATKNHKPFSLLPLRQAV
RLNPDNGYIKVLLALKLQDEGQEAEGEKYIEEALANMSSQTYVFRYAAKFYRRKGSVDKALELLKKALQE
TPTSVLLHHQIGLCYKAQMIQIKEATKGQPRGQNREKLDKMIRSAIFHFESAVEKKPTFEVAHLDLARMY
IEAGNHRKAEENFQKLLCMKPVVEETMQDIHFHYGRFQEFQKSDVNAIIHYLKAIEQASLTRDKSIN
SLKLLVLRKLRKALDLESLSLLGFVYKLEGMNEALEYERALRLAADFENSVRQGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001539</u>
RefSeq Size:	4396
RefSeq ORF:	1434
Synonyms:	C56; G10P1; IFI-56; IFI-56K; IFI56; IFIT-1; IFNAI1; ISG56; P56; RNM561

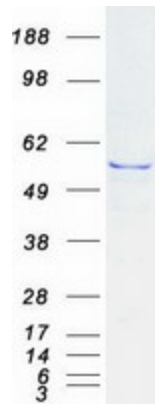


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Locus ID: 3434
UniProt ID: [P09914](#)
Cytogenetics: 10q23.31

Summary: This gene encodes a protein containing tetratricopeptide repeats that was originally identified as induced upon treatment with interferon. The encoded protein may inhibit viral replication and translational initiation. This gene is located in a cluster on chromosome 10 with five other closely related genes. There is a pseudogene for this gene on chromosome 13. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Aug 2012]

Product images:



Coomassie blue staining of purified IFIT1 protein (Cat# [TP303320]). The protein was produced from HEK293T cells transfected with IFIT1 cDNA clone (Cat# [RC203320]) using MegaTran 2.0 (Cat# [TT210002]).